



HARTING D-Sub Connectors

RIGHT ANGLE SMT BOARDMOUNT D-SUB CONNECTORS

Specifications:

- Contact material: Phosphor Bronze
- Contact plating: Terminating side: Gold flash; Mating side: Selective gold plating per performance level
- Flammability: UL 94 V-0 tested in accordance with IEC 60807-2
- RoHS Compliant per HARTING documentation

Features:

- Incorporates a flat area for full compatibility with standard vacuum pick and place equipment
- Die cast brackets for controlled center of gravity
- Special "no insertion force" pegs for reliable positioning on the PCB
- Nickel Plated steel resists corrosion

Mating Cycles:

- PL3 = 50 mating cycles
- PL2 = up to 200 mating cycles



RoHS Compliant

Right Angle SMT with Die Cast Grounding and 4-40 UNC Rear Nut

For quantities of 100 and up, call for quote.

MOUSER STOCK NO.	HARTING Part No.	Fig.	No. of Pos.	Type	Mating Cycles	Price Each			
						1	10	25	50
617-09-55-166-6812	09 55 166 6812	A	9	Plug	PL2	5.56	5.00	4.72	4.31
617-09-55-156-6612	09 55 156 6612	B	9	Receptacle	PL2	5.09	4.58	4.32	3.95
617-09-55-156-7612	09 55 156 7612	B	9	Receptacle	PL3	4.91	4.42	4.17	3.81

Right Angle SMT with Die Cast Grounding and 4-40 UNC Female Screwlock

For quantities of 100 and up, call for quote.

MOUSER STOCK NO.	HARTING Part No.	Fig.	No. of Pos.	Type	Mating Cycles	Price Each			
						1	10	25	50
617-09-55-166-6813	09 55 166 6813	C	9	Plug	PL2	5.13	4.62	4.36	3.98
617-09-55-156-6613	09 55 156 6613	D	9	Receptacle	PL2	5.47	4.92	4.64	4.24
617-09-55-156-7613	09 55 156 7613	D	9	Receptacle	PL3	5.27	4.74	4.47	4.09

HIGH DENSITY D-SUB CONNECTORS

Specifications:

- Plug and Receptacle versions 15, 26, 44, 62, 78 pos
- PCB Terminations (straight and right angle)
- Crimp Terminations
- Working Current: 2A max

- 4 - 40 UNC hardware
- Temperature Range: - 55°C to +105°C
- Performance level 3 ≥50 mating cycles according to DIN41652

Features:

- Metal Shell - tinned steel
- Right Angle versions include board lock
- Straight versions w/without board lock
- Crimp Contacts AWG 26-24
- UL recognized
- Increased density up to 70% vs standard D sub

Crimp - Through Hole

- Housing only, order pin or socket contacts separately.

For quantities of 100 and up, call for quote.

MOUSER STOCK NO.	HARTING Part No.	Fig.	No. of Pos.	Type	Description	Price Each			
						1	10	25	50
617-09-56-100-5601	09 56 100 5601	E	15	Plug	Through Hole	1.34	1.21	1.14	1.09
617-09-56-100-4701	09 56 100 4701	F	15	Receptacle	Through Hole	1.26	1.15	1.08	1.02
617-09-56-200-5601	09 56 200 5601	E	26	Plug	Through Hole	2.38	2.15	2.04	1.91
617-09-56-200-4701	09 56 200 4701	F	26	Receptacle	Through Hole	2.68	2.42	2.28	2.14
617-09-56-300-5601	09 56 300 5601	E	44	Plug	Through Hole	5.36	4.82	4.56	4.28
617-09-56-300-4701	09 56 300 4701	F	44	Receptacle	Through Hole	7.46	6.71	6.35	5.97
617-09-56-400-5601	09 56 400 5601	E	62	Plug	Through Hole	8.64	7.78	7.35	6.91
617-09-56-400-4701	09 56 400 4701	F	62	Receptacle	Through Hole	8.80	7.93	7.48	7.05
617-09-56-500-5601	09 56 500 5601	E	78	Plug	Through Hole	9.42	8.47	8.01	7.54
617-09-56-500-4701	09 56 500 4701	F	78	Receptacle	Through Hole	10.76	9.68	9.15	8.61

Contacts

For quantities of 1000 and up, call for quote.

MOUSER STOCK NO.	HARTING Part No.	Description	Price Each			
			1	50	100	500
617-09-56-000-8177	09 56 000 8177	Male contact for crimp type D-sub plugs	.21	.16	.15	.13
617-09-56-000-8277	09 56 000 8277	Female contact for crimp type D-sub receptacles	.23	.20	.19	.17

Crimp Tool

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	HARTING Part No.	Description	Price Each	
			1	5
617-09-99-000-0596	09 99 000 0596	Crimp tool for crimp type D-sub connectors	440.52	391.53

Right Angle PCB - 4-40 UNC Thread & Board Lock

For quantities of 100 and up, call for quote.

MOUSER STOCK NO.	HARTING Part No.	Fig.	No. of Pos.	Type	Description	Price Each			
						1	10	25	50
617-09-56-162-7812	09 56 162 7812	G	15	Plug	4-40 UNC Thread & Board Lock	3.60	3.24	3.06	2.89
617-09-56-152-7612	09 56 152 7612	H	15	Receptacle	4-40 UNC Thread & Board Lock	2.66	2.41	2.26	2.13
617-09-56-262-7812	09 56 262 7812	G	26	Plug	4-40 UNC Thread & Board Lock	5.58	5.03	4.76	4.47
617-09-56-252-7612	09 56 252 7612	H	26	Receptacle	4-40 UNC Thread & Board Lock	4.52	4.07	3.85	3.62
617-09-56-362-7812	09 56 362 7812	G	44	Plug	4-40 UNC Thread & Board Lock	10.70	9.63	9.10	8.56
617-09-56-352-7612	09 56 352 7612	H	44	Receptacle	4-40 UNC Thread & Board Lock	7.08	6.38	6.02	5.67
617-09-56-462-7812	09 56 462 7812	G	62	Plug	4-40 UNC Thread & Board Lock	12.28	11.05	10.44	9.83
617-09-56-452-7612	09 56 452 7612	H	62	Receptacle	4-40 UNC Thread & Board Lock	9.58	8.63	8.15	7.68

Straight PCB - Through Hole

For quantities of 100 and up, call for quote.

MOUSER STOCK NO.	HARTING Part No.	Fig.	No. of Pos.	Type	Description	Price Each			
						1	10	25	50
617-09-56-161-7700	09 56 161 7700	I	15	Plug	Through Hole	1.94	1.75	1.66	1.55
617-09-56-151-7500	09 56 151 7500	J	15	Receptacle	Through Hole	2.54	2.30	2.16	2.04
617-09-56-261-7700	09 56 261 7700	I	26	Plug	Through Hole	3.74	3.37	3.19	2.99
617-09-56-251-7500	09 56 251 7500	J	26	Receptacle	Through Hole	4.68	4.22	3.99	3.75
617-09-56-361-7700	09 56 361 7700	I	44	Plug	Through Hole	5.46	4.92	4.66	4.37
617-09-56-351-7500	09 56 351 7500	J	44	Receptacle	Through Hole	6.74	6.07	5.74	5.40
617-09-56-461-7700	09 56 461 7700	I	62	Plug	Through Hole	7.31	6.93	6.70	6.38
617-09-56-451-7500	09 56 451 7500	J	62	Receptacle	Through Hole	9.84	8.86	8.36	7.87
617-09-56-561-7700	09 56 561 7700	I	78	Plug	Through Hole	10.74	9.66	9.13	8.59
617-09-56-551-7500	09 56 551 7500	J	78	Receptacle	Through Hole	13.18	11.86	11.21	10.54

Straight PCB - 4-40 UNC Thread & Board Lock

For quantities of 100 and up, call for quote.

MOUSER STOCK NO.	HARTING Part No.	Fig.	No. of Pos.	Type	Description	Price Each			
						1	10	25	50
617-09-56-161-7712	09 56 161 7712	K	15	Plug	4-40 UNC Thread & Board Lock	2.44	2.20	2.08	1.96
617-09-56-151-7512	09 56 151 7512	L	15	Receptacle	4-40 UNC Thread & Board Lock	3.02	2.72	2.57	2.41
617-09-56-261-7712	09 56 261 7712	K	26	Plug	4-40 UNC Thread & Board Lock	4.24	3.82	3.61	3.39
617-09-56-251-7512	09 56 251 7512	L	26	Receptacle	4-40 UNC Thread & Board Lock	5.20	4.68	4.43	4.16
617-09-56-361-7712	09 56 361 7712	K	44	Plug	4-40 UNC Thread & Board Lock	5.96	5.37	5.08	4.77
617-09-56-351-7512	09 56 351 7512	L	44	Receptacle	4-40 UNC Thread & Board Lock	7.22	6.50	6.14	5.79
617-09-56-461-7712	09 56 461 7712	K	62	Plug	4-40 UNC Thread & Board Lock	8.54	7.69	7.27	6.83
617-09-56-451-7512	09 56 451 7512	L	62	Receptacle	4-40 UNC Thread & Board Lock	10.34	9.32	8.79	8.28
617-09-56-561-7712	09 56 561 7712	K	78	Plug	4-40 UNC Thread & Board Lock	11.24	10.13	9.57	9.00
617-09-56-551-7512	09 56 551 7512	L	78	Receptacle	4-40 UNC Thread & Board Lock	13.66	12.31	11.61	10.93

Screwlocks

- Order 2 for each connector

For quantities of 100 and up, call for quote.

MOUSER STOCK NO.	HARTING Part No.	Description	Price Each			
			1	10	25	50
617-09-67-000-9972	09 67 000 9972	Screwlock for right angle version	.28	.26	.25	.24
617-09-66-000-9972	09 66 000 9972	Screwlock for straight version	.28	.26	.25	.24

